

CLAIMS:

1. A display device for tomographic image, comprising:

(a) a display portion for displaying at least one series  
of tomographic images,

5 (b) a storage mechanism for storing at least one series  
of tomographic image data,

(c) a display-speed setting mechanism for setting a  
display speed for at least one series of tomographic images,

and

10 (d) a controller which receives data from the storage  
mechanism for the series and displays tomographic images in  
the manner of paging on the display portion for the series  
based on a speed set by the display-speed setting mechanism;  
the display-speed setting mechanism being a mechanical  
15 variable knob in a separate case from that comprising the  
controller.

2. The display device for tomographic image as claimed in

Claim 1, wherein the mechanical variable knob is a mechanical

20 slide-bar type variable adjuster.

3. A display device for tomographic image, comprising:

(a) a display portion for displaying at least two series  
of tomographic images,

25 (b) a storage mechanism for storing at least two series  
of tomographic image data,

10 (c) a display-speed setting mechanism for setting a display speed of each series for at least two series of tomographic images, and

5 (d) a controller which receives data from the storage mechanism for each series and simultaneously displaying a plurality of series of tomographic images on the display portion for individual series based on a speed set by the display-speed setting mechanism.

10 4. The display device for tomographic image as claimed in Claim 3, further comprising: a synchronization command sending mechanism which matches display speeds for at least two series of tomographic images;

5 whereby, the controller displays tomographic images in the manner of paging while synchronizing display speeds for a plurality series of tomographic images based on a synchronization command from the synchronization command sending mechanism.

20 5. The display device for tomographic image as claimed in Claim 3 or 4, wherein the display-speed setting mechanism is a mechanical variable adjusting knob in a separate case from that comprising the controller.

25 6. The display device for tomographic image as claimed in Claim 5, wherein the mechanical variable adjusting knob is

a mechanical slide-bar type of variable adjuster.

7. The display device for tomographic image as claimed in  
Claim 3 or 4, wherein the display-speed setting mechanism is  
5 a keyboard or a mouse cooperatively worked with soft ware so  
as to set the display speed.

8. The display device for tomographic image as claimed in  
Claim 3 or 4, wherein the displayed plural series comprise  
40 one obtained using a contrast medium and another obtained  
without a contrast medium for the same portion of the body.

9. A recording medium on which a program is recorded for  
displaying tomographic images on a display by a computer;  
45 the program being adapted to execute the steps comprising:

receiving data for at least two series of tomographic  
images from the storage mechanism,

receiving a set of values for display speed for each  
series of tomographic images, and

20 displaying a plurality series of tomographic images on  
a display simultaneously by displaying tomographic images in  
the manner of paging for each series.

10. The recording medium as claimed in Claim 9, wherein the  
25 program is further adapted to execute a step of displaying  
tomographic images by synchronizing a display speed for a

plurality series of tomographic images based on a synchronization command which matches a display speed for at least two series of tomographic images.

- 5 11. A method for displaying tomographic image using a display device comprising image display portion and a controller; the method comprising steps of:

locating display area in the form of a bar whose each end defines a minimum value and a maximum value of necessary display range of CT value;

10 receiving a CT value range to be displayed on the image display portion ;

indicating received CT value range on the display area using visibly distinctive color; and

15 indicating a center of the received CT value range using further visibly distinctive color or shape;

whereby, showing CT values currently displayed on image display portion.

- 20 12. The display device for tomographic image as claimed in any of Claim 1 to 6; further comprising a receiving portion for receiving a CT value range to be displayed on the image display portion;  
whereby, the display device is adapted to accomplish  
25 the method for displaying tomographic image of Claim 9.